

**A b s t r a c t**

The invention relates to a traction sheave hoist for a platform operated by at least two ropes 5, having a traction sheave 13 that can be driven by a motor, at least a first rope groove and a second rope groove 17 being formed around the traction sheave circumference, and a first hold-down system for the first rope groove and a second hold-down system 20 for the second rope groove 17 with which the ropes wrapping around the traction sheave 13 are pressed into the corresponding rope grooves 17 during operation. In order to be able to ensure the horizontal alignment of the platform at all times, an adjustment device 30 is assigned to at least one of the hold-down systems 20 with which the position or engagement depth of the rope 5 in the rope groove 17 achieved with the corresponding hold-down system 20 can be controllably varied.